

**ABSTRACT OF THE DISCLOSURE**

The present invention relates to a one-piece closed-shape structure and a method for manufacturing a one-piece closed-shape structure. In particular, the present invention relates to a one-piece fuselage and a method for manufacturing a one-piece fuselage. One embodiment of the method of the invention involves the use of molding technology, tooling technology, the integration of the molding and tooling technology, and fiber placement to manufacture a one-piece closed shape structure.

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